

NV03

Chemical Properties

CAS No. : 2448341-58-8

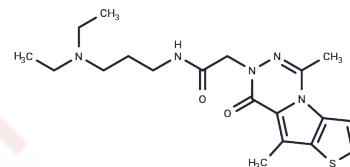
Formula: C₁₉H₂₇N₅O₂S

Molecular Weight: 389.52

Storage: Keep away from moisture, Keep away from direct sunlight

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	NV03 is a selective antagonist of the UHRF1-H3K9me3 interaction (K _d =2.4 μM), binding to the UHRF1 tandem Tudor domain (TTD) to form a complex. It is suitable for cancer research. NV03 also functions as a ligand for E3 ligases in PROTAC synthesis.
Targets(IC50)	E1/E2/E3 Enzyme, Histone Methyltransferase, Ligands for E3 Ligase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5673 mL	12.8363 mL	25.6726 mL
5 mM	0.5135 mL	2.5673 mL	5.1345 mL
10 mM	0.2567 mL	1.2836 mL	2.5673 mL
50 mM	0.0513 mL	0.2567 mL	0.5135 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Senisterra G, et al. Discovery of Small-Molecule Antagonists of the H3K9me3 Binding to UHRF1 Tandem Tudor Domain. SLAS Discov. 2018 Oct;23(9):930-940.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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